

Application No. 4477305

Name of Applicant United States Steel Corporation

Effective Date _____

Expiration Date (If applicable) _____

DEPARTMENT OF THE ARMY PERMIT

Referring to written request dated 13 August 1973 for a permit to:

☒ Perform work in or affecting navigable waters of the United States, upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 U.S.C. 403);

☒ Discharge dredged or fill material into navigable waters upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 404 of the Federal Water Pollution Control Act (86 Stat. 816, P.L. 92-500);

() Transport dredged material for the purpose of dumping it into ocean waters upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (86 Stat. 1052; P.L. 92-532);

Unites States Steel Corporation
600 Grant Street
Pittsburgh, Pennsylvania 15230

◀ (Here insert the full name and address of the permittee)

is hereby authorized by the Secretary of the Army:

to dredge approximately 60,000 cubic yards of shoaled material with hydraulic dredge from Gary Harbor and Slip. The dredged material is to be deposited in the inner structure contained within the outer structure authorized on 12 March 1956.

◀ (Here describe the proposed structure or activity, and its intended use. In the case of an application for a fill permit, describe the structures, if any, proposed to be erected on the fill. In the case of an application for the discharge of dredged or fill material into navigable waters or the transportation for discharge in ocean waters of dredged material, describe the type and quantity of material to be discharged.)

Work will occur in Lake Michigan
(Gary Harbor)
at Gary, Lake County, Indiana.

◀ (Here to be named the ocean, river, harbor, or waterway concerned.)

◀ (Here to be named the nearest well-known locality—preferably a town or city—and the distance in miles and tenths from some definite point in the same, stating whether above or below or giving direction by points of compass.)

in accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit (on drawings: give file number or other definite identification marks): "Application by: United States Steel Corp., Gary, Indiana, Proposed Dredging in Lake Michigan at Gary, Lake County, Indiana."

subject to the following conditions:

I. General Conditions:

a. That all activities identified and authorized herein shall be consistent with the terms and conditions of this permit, and that any activities not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this permit which may result in the modification, suspension or revocation of this permit, in whole or in part, as set forth more specifically in General Conditions I or K hereto, and in the institution of such legal proceedings as the United States Government may consider appropriate, whether or not this permit has been previously modified, suspended or revoked in whole or in part.

J. 11-4
JAKUBOS/sj
NCCCO-RS

8 NOV 1978

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NCCDC

L. S. Malin, General Manager Engineering Services
United States Steel Corporation
600 Grant Street
Pittsburgh, Pennsylvania 15230

NCCDD

NCCDE

Dear Mr. Malin:

NCCCO-RS

In accordance with your request of 25 May 1978, the time limit for completion of work under Department of the Army permit 4477305 is extended to 1 November 1979. This permit was issued on 13 August 1973 and authorized the dredging of approximately 60,000 cubic yards of shoaled material with hydraulic dredge from Gary Harbor and Slip. The dredged material is to be deposited in the inner structure contained within the outer structure authorized on 12 March 1956.

The delay in extending the time limit on your request was due to the time required to receive U. S.E.P.A.'s comments. The conditions to which the authorization is made subject remain in full effect, except for the expiration date of the permit.

If the structure or work authorized is not completed on or before the date herein specified, the authorization, if not previously revoked or specifically further extended, will cease and become null and void.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

COPY FURNISHED
TO EVERY ONE THAT
GETS COPY OF PERMIT

JAMES R. C. MILLEY
Colonel, Corps of Engineers
District Engineer



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION V

230 SOUTH DEARBORN STREET

CHICAGO, ILLINOIS 60604

March 13, 1975

Mr. James P. Jones
Chief, Operations Division
U. S. Army Engineer District, Chicago
219 South Dearborn Street
Chicago, Illinois 60604

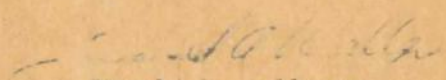
Dear Mr. Jones:

This is in reference to your letter dated March 4, 1975, requesting our opinion as to whether or not U. S. Steel Corporation's proposal by letter dated February 18, 1975, will provide adequate water quality monitoring for the proposed dredged materials to be removed at its South Works Plant and at Gary Harbor.

We have reviewed the proposed monitoring program as submitted by U. S. Steel Corporation, and it is our opinion that the monitoring program will be adequate with the exception that we do not concur with their intent to delete the following parameters: chloride, fluorides, sulfates, and phosphates, as it is our opinion that in all probability the dredged materials will release soluble salts now retained in the sludge, and these parameters should be included in the monitoring program as follows: sampled weekly during dredging operations, and weekly for four weeks after dredging.

This Agency appreciates the opportunity to participate in your plan, if and when the permit is issued, to set up a program for the immediate review by our Agency of the results so that if required, necessary measures can be taken to prevent continuing degradation of water quality.

Sincerely yours,


Donald A. Hallgren
Chief, Federal Activities Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN STREET
CHICAGO, ILLINOIS 60604

April 22, 1975

District Engineer
U. S. Army Engineer District, Chicago
219 South Dearborn Street
Chicago, Illinois 60604

RE: Public Notice 4427402
" " 4477305

ATTN: Mr. James P. Jones
Chief, Operations Division

Dear Sir:

This is in reply to your request by letter dated April 7, 1975, to this office pertaining to reference subject.

We have reviewed our letter of January 21, 1975, which stated that the inner dike retention structure in which the dredged material will be placed must be constructed of impervious material.

In view of the relative impermeability of the inner dike, and the proposed monitoring program, we have reevaluated our requirements that the inner dike be impervious, and concur with your statement that it appears that the impermeability of the inner dike is sufficient to prevent the entry of dredged solids into the lake.

Sincerely yours,

Donald L. Mustard
Chief
Federal Facilities Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
230 SOUTH DEARBORN STREET
CHICAGO, ILLINOIS 60604

March 20, 1975

Mr. James P. Jones
Chief, Operations Division
Chicago District, Corps of Engineers
219 South Dearborn Street
Chicago, Illinois 60604

Re: NCCOD-P 4427402
4477305

Dear Mr. Jones:

This is in reference to your letter dated March 10, 1975, requesting specific review and comments on paragraph 2(a), (b) and (c), extracted from the letter that was enclosed from U. S. Steel Corporation dated February 27, 1975, received by your office.

We have reviewed the following items requested and offer the following comments:

1. To paragraph 2, a, we have no comments as to flow rates.
2. To paragraph 2, b, the comments in paragraph 1, page 1, of their letter dated February 27, 1975, should meet the requirement for Condition 1 as stated in our letter dated January 21, 1975.
3. To paragraph 2, c; no comment.

Sincerely yours,

Donald A. Wallgren
Donald A. Wallgren
Chief, Federal Activities Branch

Copy to: J. Kraus, LLH.

MAINTENANCE DREDGING (1) That when the work authorized herein includes periodic maintenance dredging, it may be performed under this permit for _____ years from the date of issuance of this permit (ten years unless otherwise indicated) and (2) That the permittee will advise the District Engineer in writing at least two weeks before he intends to undertake any maintenance dredging.

II. Special Conditions (Here list conditions relating specifically to the proposed structure or work authorized by this permit).

Each permit should, however, contain the following special conditions:

a. That the permittee be responsible for establishing a water quality monitoring program which will be subject to the review of the Corps of Engineers and which will meet the following requirements:

(1) Sampling locations: Within the inner retention dike, immediately outside of the outer dike at the overflow pipes, and at a point 300 feet lakeward of the pipes.

(2) Sampling frequency:

(a) Daily for 1 week before commencement of dredging;

(b) Daily for 10 days commencing with the first day of disposal;

(c) Weekly for the remainder of the dredging/disposal period;

(d) Weekly for 3 weeks following completion of the dredging/disposal period;

(e) Daily for the fourth week following completion of the dredging/disposal period.

continued on attached sheet

This permit shall become effective on the date of the District Engineer's signature.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

PERMITTEE
Vice President-Sales, Central Steel Division

May 29, 1975

DATE

BY AUTHORITY OF THE SECRETARY OF THE ARMY

DISTRICT ENGINEER
U.S. ARMY CORPS OF ENGINEERS

30 May 1975

DATE

Transferee hereby agrees to comply with the terms and conditions of this permit.

TRANSFEEE

DATE